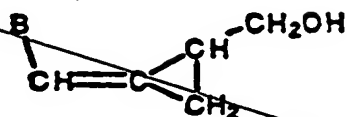


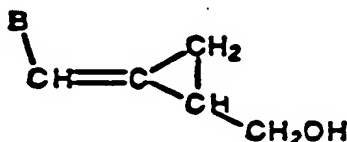
WE CLAIM:

1. A compound having the formula:



wherein B is selected from the group consisting of 2-amino-6-azidopurine, 2-amino-6-methoxypurine and pharmaceutically acceptable salts, and prodrugs, thereof.

2. A compound having the formula:



wherein B is selected from the group consisting of 2-amino-6-azidopurine, 2-amino-6-methoxypurine and pharmaceutically acceptable salts, and prodrugs, thereof.

3. An antiviral compound selected from the group consisting of *syn*-2-amino-6-methoxy-N⁹-(2-hydroxymethylcyclopropylidenemethyl)purine, *syn*-2-amino-6-azido-N⁹-(2-hydroxymethylcyclopropylidenemethyl)purine and pharmaceutically acceptable salts, and prodrugs, thereof.

4. The antiviral compound of Claim 3, wherein the compound is the *R*- or *S*-enantiomer.

5. A composition comprising a compound of Claim 1 and a pharmaceutically acceptable carrier.

6. A composition comprising a compound of Claim 2 and a pharmaceutically acceptable carrier.

7. A composition comprising a compound of Claim 3 and a pharmaceutically acceptable carrier.

Amend
a²

a

8. A composition comprising a compound of Claim 4 and a pharmaceutically acceptable carrier.

9. A method of treating a mammal infected with a virus comprising the step of administering to the mammal an antiviral compound selected from the group consisting of the compounds of Claim 1, and combinations thereof.

10. The method of Claim 9, wherein said mammal is a human.

11. The method of Claim 9, wherein said virus is selected from the group consisting of a human herpes virus, a human immunodeficiency virus and hepatitis B virus.

12. The method of Claim 9, further comprising the step of administering an additional antiviral compound.

13. The method of Claim 12, wherein the additional antiviral compound is selected from the group consisting of acyclovir, ganciclovir, zidovudine, AZT, ddI, ddC, 3TC, d4T, and combinations thereof.

14. A method of treating a mammal infected with a virus comprising the step of administering to the mammal an antiviral compound selected from the group consisting of the compounds of Claim 2, and combinations thereof,

15. The method of Claim 14, wherein said mammal is a human.

16. The method of Claim 14, wherein said virus is selected from the group consisting of a human herpes virus, a human immunodeficiency virus and hepatitis B virus.

17. The method of Claim 14, further comprising the step of administering an additional antiviral compound.

18. The method of Claim 17, wherein the additional antiviral compound is selected from the group consisting of acyclovir, ganciclovir, zidovudine, AZT, ddI, ddC, 3TC, d4T, and combinations thereof.

19. A method of treating a mammal infected with a virus comprising the step of administering to the mammal an antiviral compound selected from the group consisting of the compounds of Claim 3, and combinations thereof.

20. The method of Claim 19, wherein said mammal is a human.

21. The method of Claim 19, wherein said virus is selected from the group consisting of a human herpes virus, a human immunodeficiency virus and hepatitis B virus.

22. The method of Claim 19, further comprising the step of administering an additional antiviral compound.

23. The method of Claim 22, wherein the additional antiviral compound is selected from the group consisting of acyclovir, ganciclovir, zidovudine, AZT, ddI, ddC, 3TC, d4T, and combinations thereof.

24. A method of treating a mammal infected with a virus comprising the step of administering to the mammal an antiviral compound selected from the group consisting of the compounds of Claim 4, and combinations thereof.

25. The method of Claim 24, wherein said mammal is a human.

26. The method of Claim 24, wherein said virus is selected from the group consisting of a human herpes virus, a human immunodeficiency virus and hepatitis B virus.

27. The method of Claim 24, further comprising the step of administering an additional antiviral compound.

28. The method of Claim 27, wherein the additional antiviral compound is selected from the group consisting of acyclovir, ganciclovir, zidovudine, AZT, ddl, ddC, ~~3TC~~, d4T, and combinations thereof.

ddl.
a³

ddl.
a³